

**I Claim:**

1. A composition useful to prevent iron deficiency anemia comprising micro-encapsulated iron granules in combination with a lipid-based excipient.
2. A composition as defined in claim 1, wherein said composition additionally comprises a bio-available form of ascorbic acid.
3. A composition as defined in claim 1, wherein said composition additionally comprises a bio-available form of a micronutrient selected from the group consisting of zinc, vitamin A and iodine.
4. A composition as defined in claim 1, wherein the iron granules are no more than about 850 microns in diameter.
5. A composition as defined in claim 1, wherein the iron granules are encapsulated with a coating, said coating being prepared from a compound selected from the group consisting of monoglycerides, diglycerides, ethyl cellulose, hydrogenated soybean oil and mixtures thereof.
6. A composition as defined in claim 1, wherein said excipient is an edible oil in hydrogenated form.
7. A method for preventing iron deficiency anemia in a mammal comprising the steps of:
  - a) adding a therapeutically effective amount of a composition comprising micro-encapsulated iron granules and a lipid-based excipient to a food; and
  - b) administering the food to said mammal.
8. A method as defined in claim 7, wherein the food is selected from the group consisting of a semi-solid or pureed food and a milk-based food product.

9. A method as defined in claim 7, wherein said therapeutically effective amount comprises about 10 – 25 mg of elemental iron.

10. A method as defined in claim 7, wherein the composition additionally comprises ascorbic acid.

11. A method as defined in claim 7, wherein the excipient is an edible oil in hydrogenated form.

12. An article of manufacture comprising packaging material and a pharmaceutical composition contained within said packaging material, wherein said pharmaceutical composition is therapeutically effective to prevent iron deficiency anemia, and wherein the packaging material comprises a label which indicates that the composition comprises iron and that iron ingestion is effective to prevent iron deficiency anemia, said composition comprising a therapeutically effective amount of micro-encapsulated iron granules in combination with a lipid-based excipient.

13. An article of manufacture as defined in claim 12, wherein said therapeutically effective amount of micro-encapsulated iron is in the range of about 10 – 17 mg.

14. An article of manufacture as defined in claim 12, wherein the composition additionally comprises ascorbic acid.

15. An article of manufacture as defined in claim 12, wherein the composition additionally comprises a bioavailable form of a compound selected from zinc, vitamin A and iodine.

16. An article of manufacture as defined in claim 12, wherein the excipient is an edible oil in hydrogenated form.

17 An article of manufacture as defined in claim 12, wherein said packaging material contains a single daily dosage of said composition.

18. An article of manufacture as defined in claim 17, wherein said packaging material is in the form of a sachet.

19. An article of manufacture comprising packaging material and a pharmaceutical composition contained within said packaging material, wherein said pharmaceutical composition is therapeutically effective to prevent iron deficiency anemia, and wherein the packaging material comprises a label which indicates that the composition can be used to prevent iron deficiency anemia, said composition comprising a therapeutically effective amount of micro-encapsulated iron granules in combination with a lipid-based excipient.

20. An article of manufacture as defined in claim 19, wherein said composition additionally comprises ascorbic acid.

No.	Name	Age	Sex	Height	Weight	Blood Pressure	Heart Rate	Respiratory Rate	Temperature	Pulse	Respiration	Blood Sugar	Blood Urea Nitrogen	Creatinine	Calcium	Phosphorus	Sodium	Potassium	Chloride	Carbon Dioxide	Oxygen Saturation	Hemoglobin	Hematocrit	Red Blood Cells	White Blood Cells	Differential	Platelets	Prothrombin Time	Partial Thromboplastin Time	Fibrinogen	Fibrin Degradation Products	Uric Acid	Lactate	Ammonia	Bilirubin	Alanine Aminotransferase	Aspartate Aminotransferase	Creatine Kinase	Lipase	Amylase	Alkaline Phosphatase	Gamma-Glutamyl Transaminase	Hepatitis Surface Antigen	Hepatitis Core Antigen	Hepatitis E Antigen	Hepatitis B Surface Antibody	Hepatitis B Core Antibody	Hepatitis B e Antibody	Hepatitis C Antibody	Hepatitis D Antibody	Hepatitis A Antibody	C-Reactive Protein	Interleukin-6	Interleukin-10	Tumor Necrosis Factor- $\alpha$	Interferon- $\gamma$	Interleukin-1	Interleukin-2	Interleukin-4	Interleukin-5	Interleukin-6	Interleukin-7	Interleukin-8	Interleukin-9	Interleukin-10	Interleukin-11	Interleukin-12	Interleukin-13	Interleukin-14	Interleukin-15	Interleukin-16	Interleukin-17	Interleukin-18	Interleukin-19	Interleukin-20	Interleukin-21	Interleukin-22	Interleukin-23	Interleukin-24	Interleukin-25	Interleukin-26	Interleukin-27	Interleukin-28	Interleukin-29	Interleukin-30	Interleukin-31	Interleukin-32	Interleukin-33	Interleukin-34	Interleukin-35	Interleukin-36	Interleukin-37	Interleukin-38	Interleukin-39	Interleukin-40	Interleukin-41	Interleukin-42	Interleukin-43	Interleukin-44	Interleukin-45	Interleukin-46	Interleukin-47	Interleukin-48	Interleukin-49	Interleukin-50	Interleukin-51	Interleukin-52	Interleukin-53	Interleukin-54	Interleukin-55	Interleukin-56	Interleukin-57	Interleukin-58	Interleukin-59	Interleukin-60	Interleukin-61	Interleukin-62	Interleukin-63	Interleukin-64	Interleukin-65	Interleukin-66	Interleukin-67	Interleukin-68	Interleukin-69	Interleukin-70	Interleukin-71	Interleukin-72	Interleukin-73	Interleukin-74	Interleukin-75	Interleukin-76	Interleukin-77	Interleukin-78	Interleukin-79	Interleukin-80	Interleukin-81	Interleukin-82	Interleukin-83	Interleukin-84	Interleukin-85	Interleukin-86	Interleukin-87	Interleukin-88	Interleukin-89	Interleukin-90	Interleukin-91	Interleukin-92	Interleukin-93	Interleukin-94	Interleukin-95	Interleukin-96	Interleukin-97	Interleukin-98	Interleukin-99	Interleukin-100	Interleukin-101	Interleukin-102	Interleukin-103	Interleukin-104	Interleukin-105	Interleukin-106	Interleukin-107	Interleukin-108	Interleukin-109	Interleukin-110	Interleukin-111	Interleukin-112	Interleukin-113	Interleukin-114	Interleukin-115	Interleukin-116	Interleukin-117	Interleukin-118	Interleukin-119	Interleukin-120	Interleukin-121	Interleukin-122	Interleukin-123	Interleukin-124	Interleukin-125	Interleukin-126	Interleukin-127	Interleukin-128	Interleukin-129	Interleukin-130	Interleukin-131	Interleukin-132	Interleukin-133	Interleukin-134	Interleukin-135	Interleukin-136	Interleukin-137	Interleukin-138	Interleukin-139	Interleukin-140	Interleukin-141	Interleukin-142	Interleukin-143	Interleukin-144	Interleukin-145	Interleukin-146	Interleukin-147	Interleukin-148	Interleukin-149	Interleukin-150	Interleukin-151	Interleukin-152	Interleukin-153	Interleukin-154	Interleukin-155	Interleukin-156	Interleukin-157	Interleukin-158	Interleukin-159	Interleukin-160	Interleukin-161	Interleukin-162	Interleukin-163	Interleukin-164	Interleukin-165	Interleukin-166	Interleukin-167	Interleukin-168	Interleukin-169	Interleukin-170	Interleukin-171	Interleukin-172	Interleukin-173	Interleukin-174	Interleukin-175	Interleukin-176	Interleukin-177	Interleukin-178	Interleukin-179	Interleukin-180	Interleukin-181	Interleukin-182	Interleukin-183	Interleukin-184	Interleukin-185	Interleukin-186	Interleukin-187	Interleukin-188	Interleukin-189	Interleukin-190	Interleukin-191	Interleukin-192	Interleukin-193	Interleukin-194	Interleukin-195	Interleukin-196	Interleukin-197	Interleukin-198	Interleukin-199	Interleukin-200	Interleukin-201	Interleukin-202	Interleukin-203	Interleuk
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add A3

add C1

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